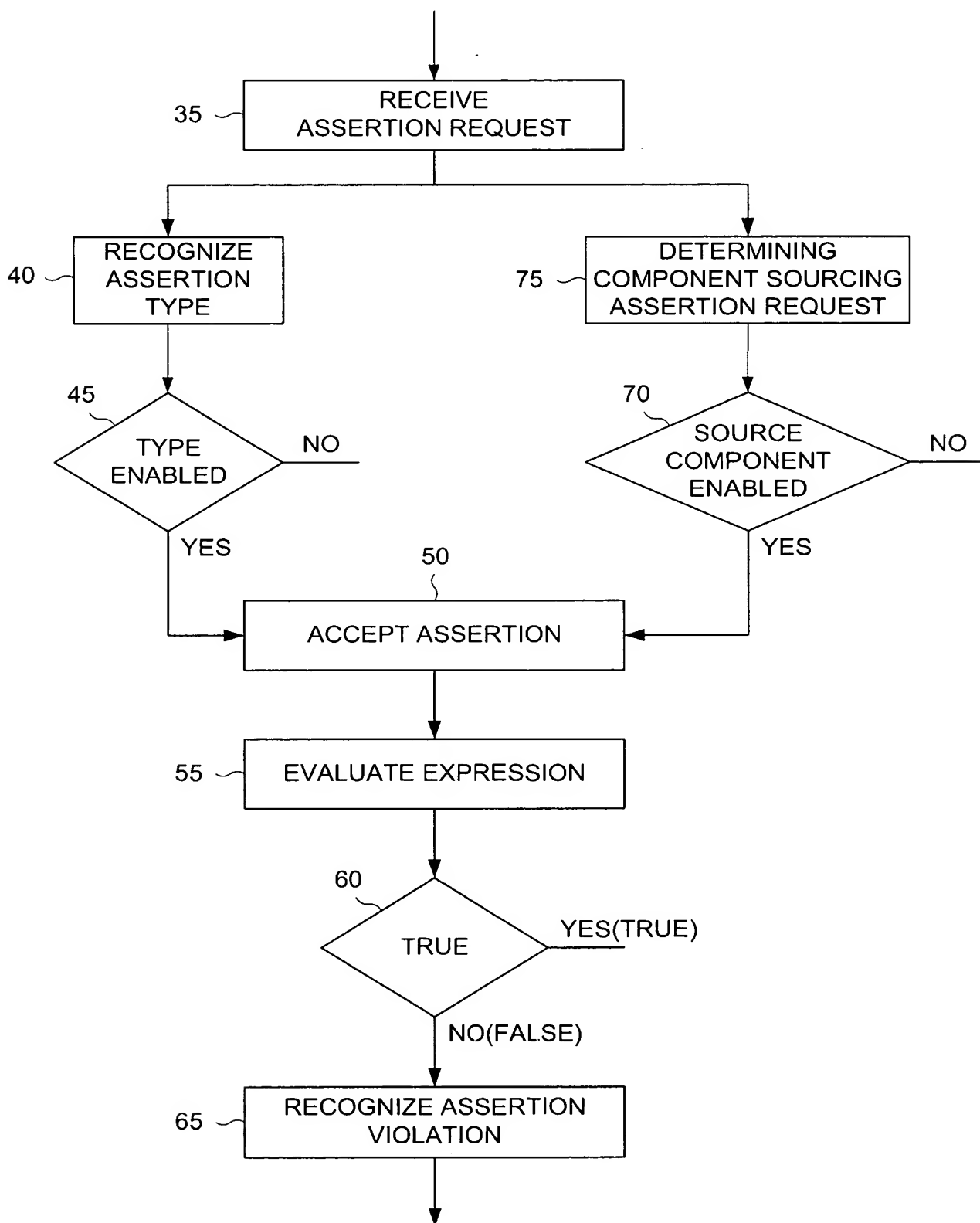


**FIG. 1**



**FIG. 2**

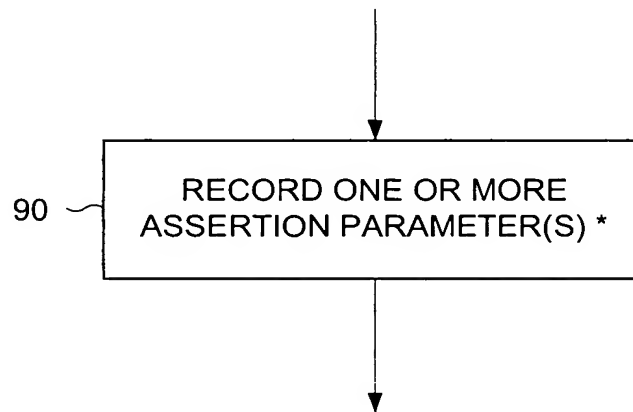
	ASSERTION TYPE	85 TYPE 0	88 TYPE 1	89 TYPE 2	
SOURCE COMPONENT ID					
COMPONENT A		X	X	X	~ 70
COMPONENT B		X	X	X	~ 75
COMPONENT C		X	X	X	~ 80
⋮	82				

EACH X IS A "1" WHEN THE  
 INTERSECTING COMPONENT/TYPE  
 COMBINATION IS ENABLED AND A  
 "0" WHEN THE COMBINATION IS  
 DISABLED

**FIG. 3**

4/13

RECORDING ASSERTION



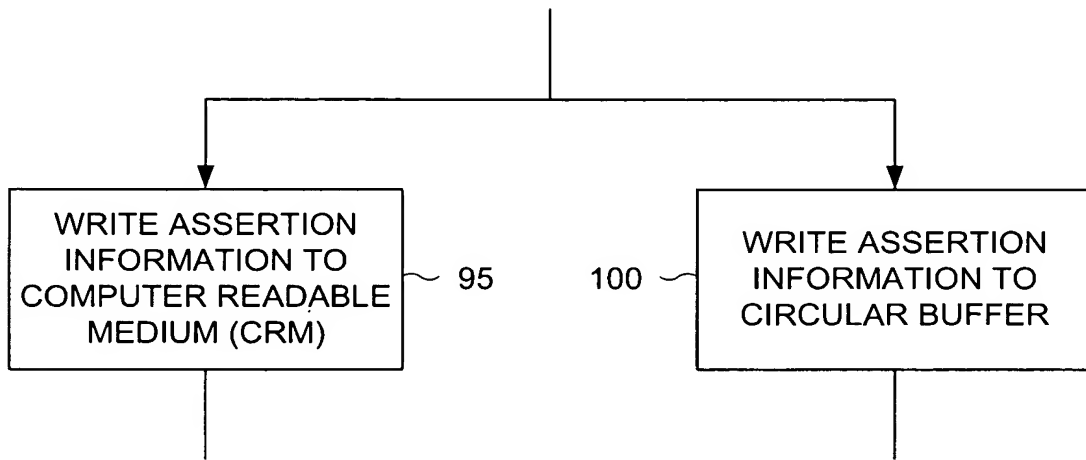
\* PARAMETERS:

TYPE OF ASSERTION  
SEQUENCE NUMBER OF ASSERTION  
TIME THE ASSERTION OCCURRED  
ID OF PROCESSOR THAT PRODUCED ASSERTION  
ID OF PROCESS THAT PRODUCED ASSERTION  
ID OF THREAD THAT PRODUCED ASSERTION  
TEXT OF ASSERTION  
STACK TRACE  
ID OF SOURCE LINE CONTAINING ASSERTION  
NAME OF SOURCE FILE CONTAINING CODE THAT  
GENERATED ASSERTION

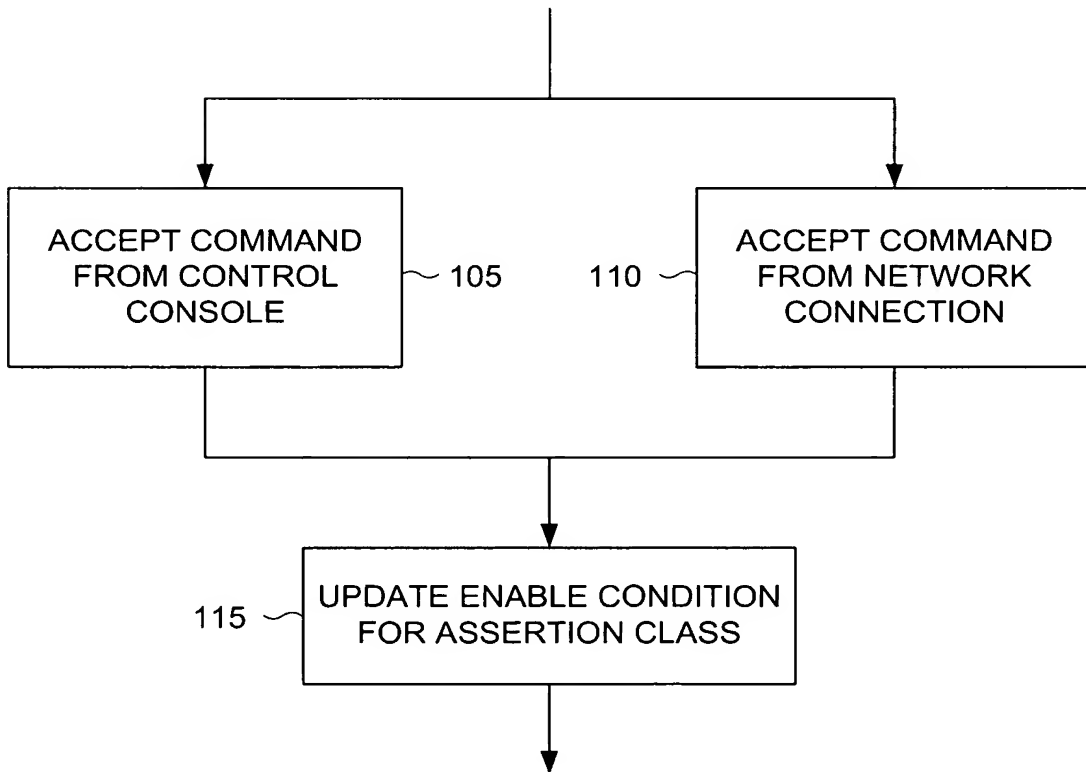
RECORD AT LEAST ONE OF THE ABOVE PARAMETERS

**FIG. 4**

5/13

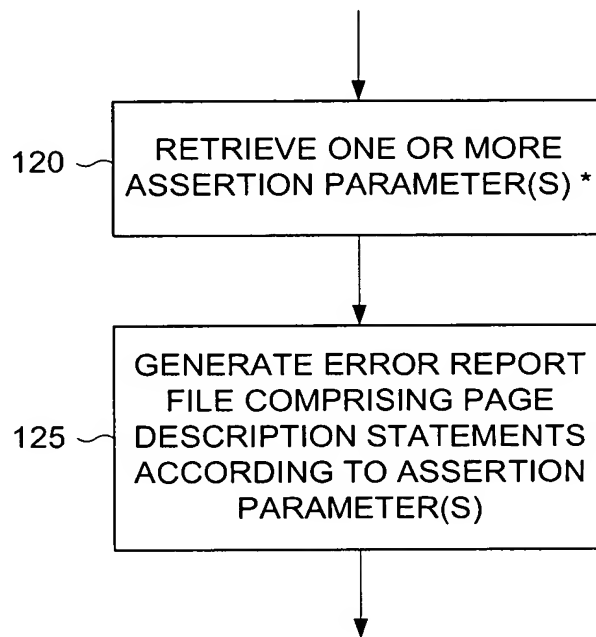


**FIG. 5**



**FIG. 6**

GENERATING AN ERROR REPORT



\* PARAMETERS:

ASSERTION TYPE  
SEQUENCE NUMBER OF ASSERTION  
TIME THE ASSERTION OCCURRED  
ID OF PROCESSOR THAT PRODUCED ASSERTION  
ID OF PROCESS THAT PRODUCED ASSERTION  
ID OF THREAD THAT PRODUCED ASSERTION  
TEXT OF ASSERTION  
STACK TRACE  
ID OF SOURCE LINE CONTAINING ASSERTION  
NAME OF SOURCE FILE CONTAINING CODE THAT GENERATED  
ASSERTION

RETRIEVE PARAMETER(S) INCLUDING AT LEAST ONE OF THE ABOVE

**FIG. 7**

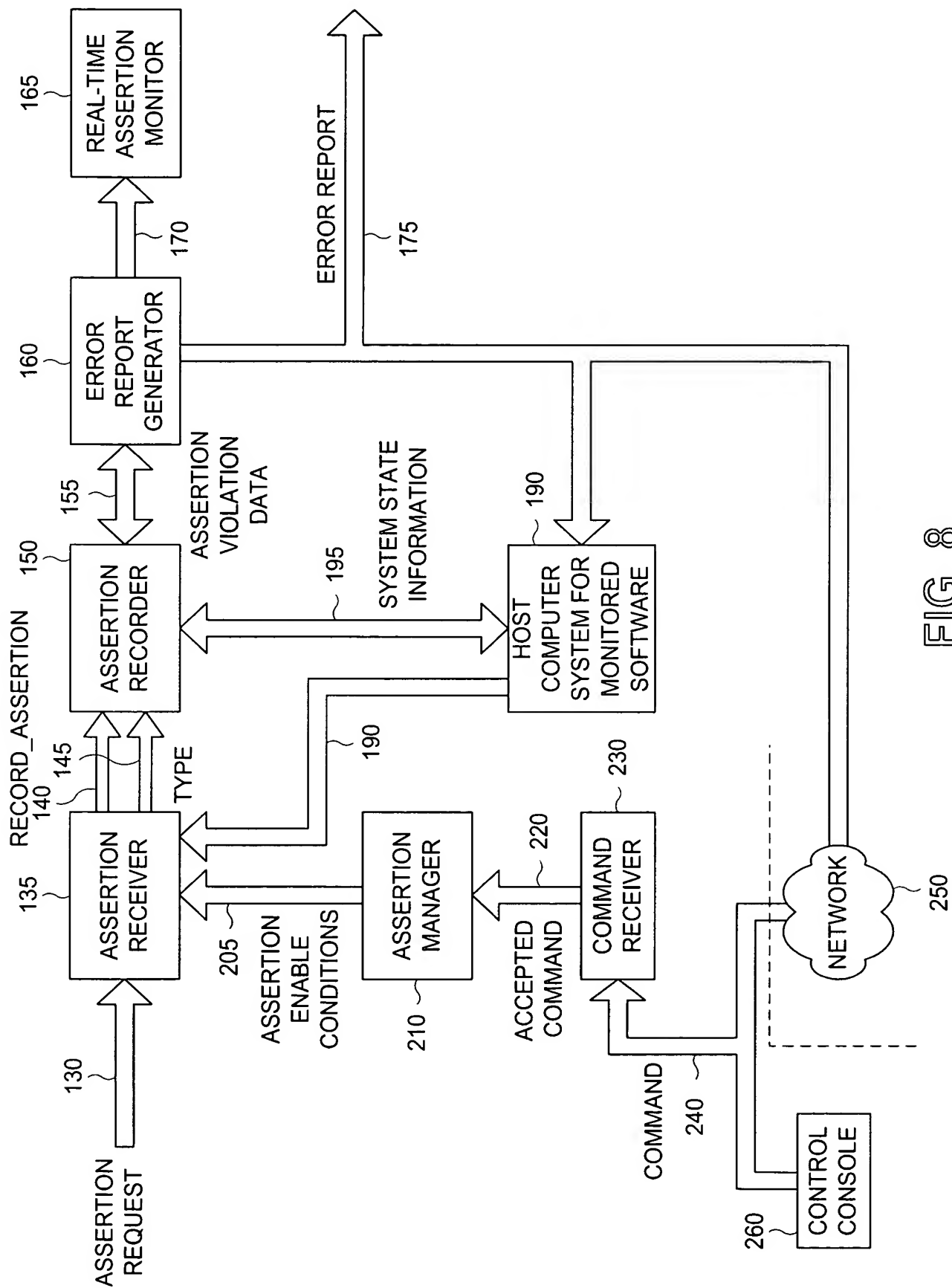


FIG. 8

ASSERTION RECEIVER

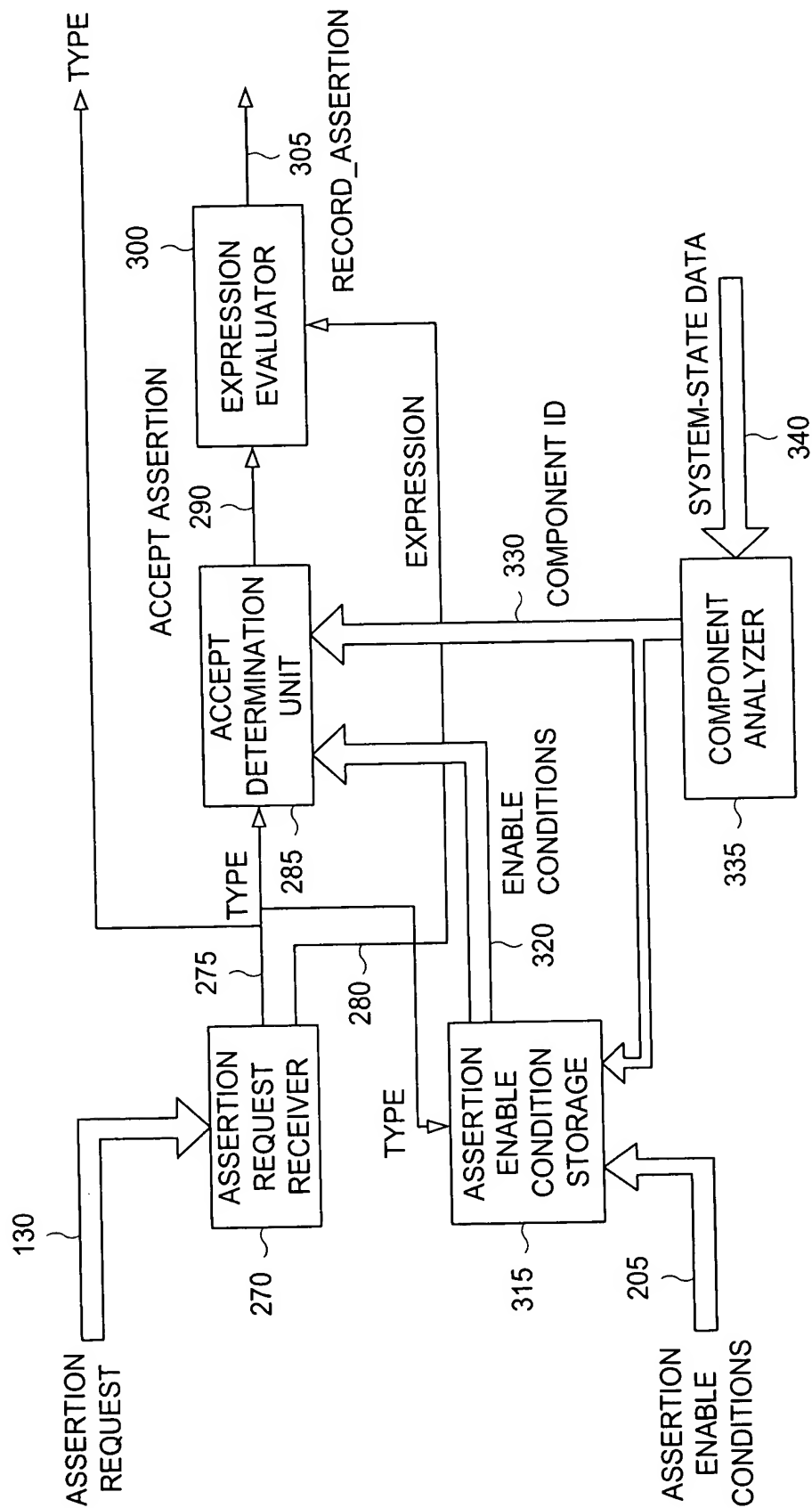


FIG. 9



ASSERTION RECORDER

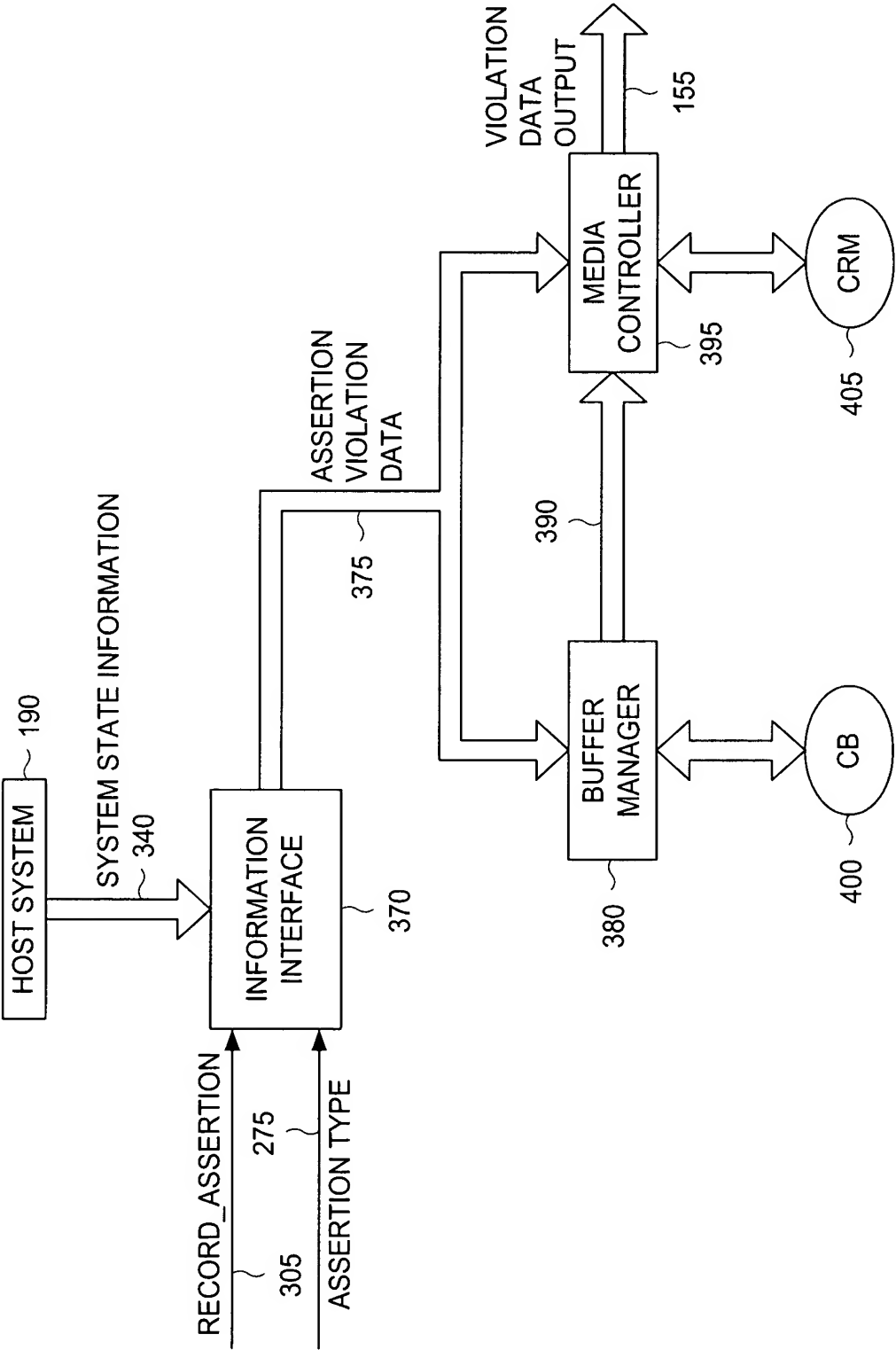


FIG. 10

ERROR REPORT GENERATOR

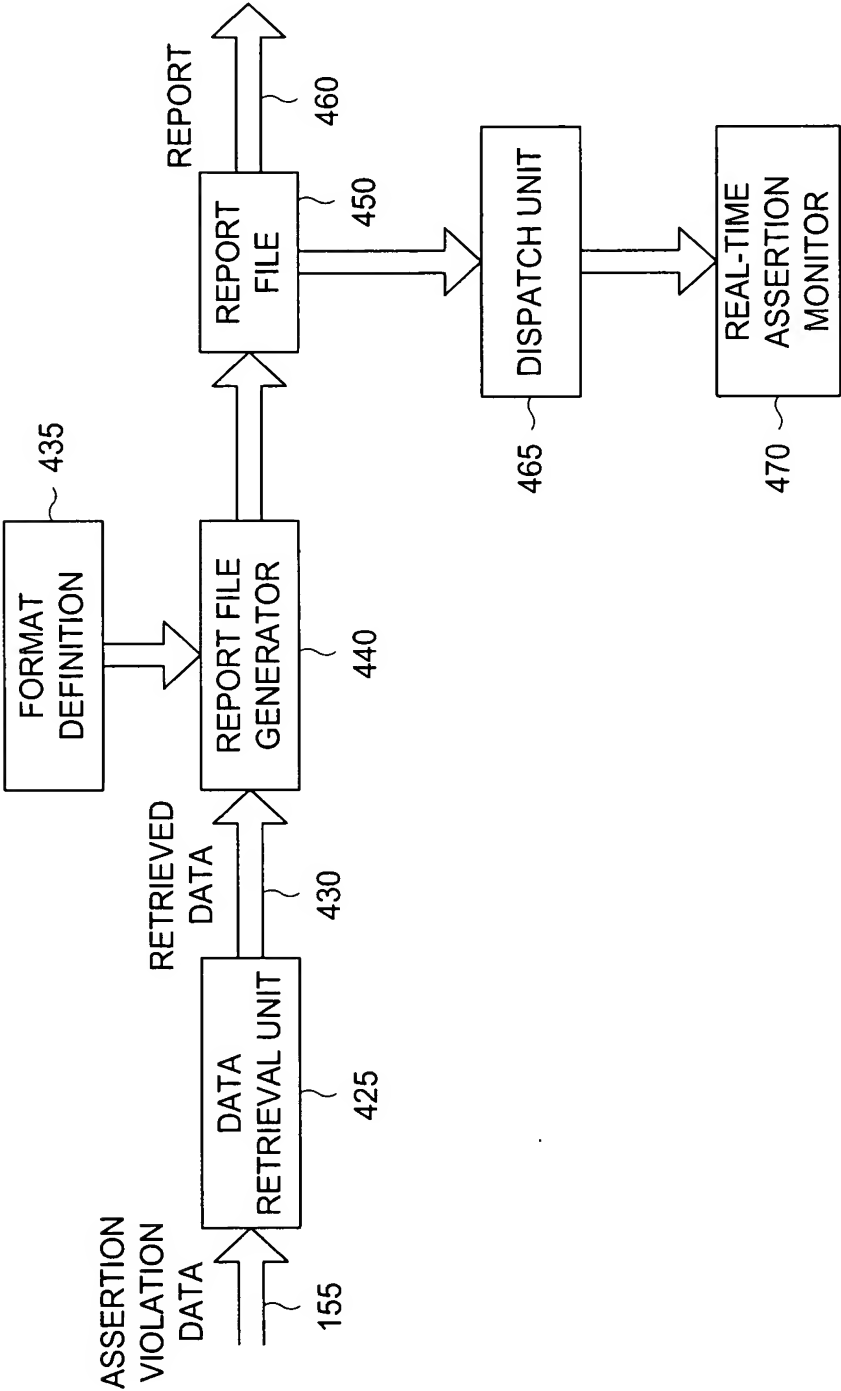


FIG. 11

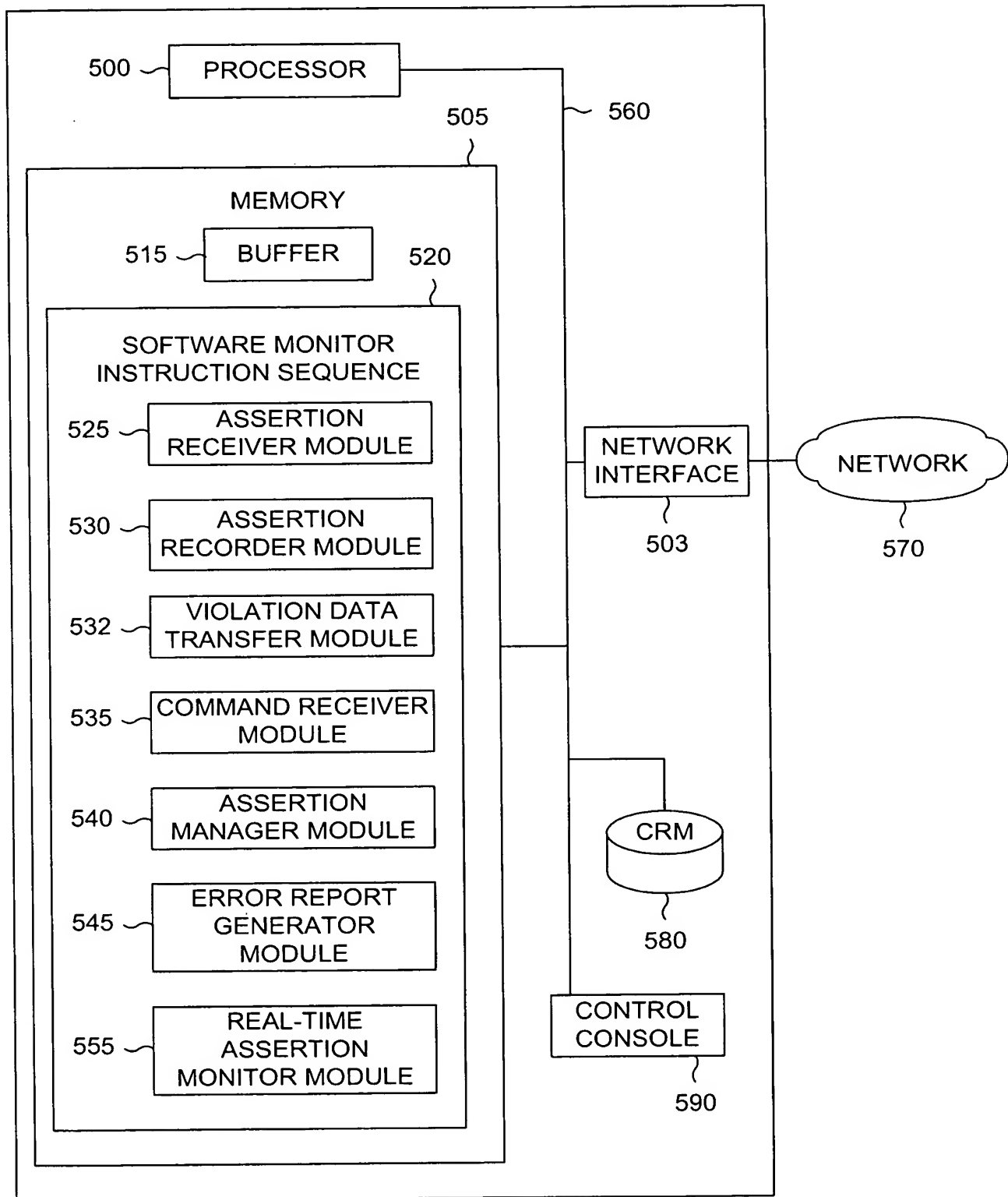
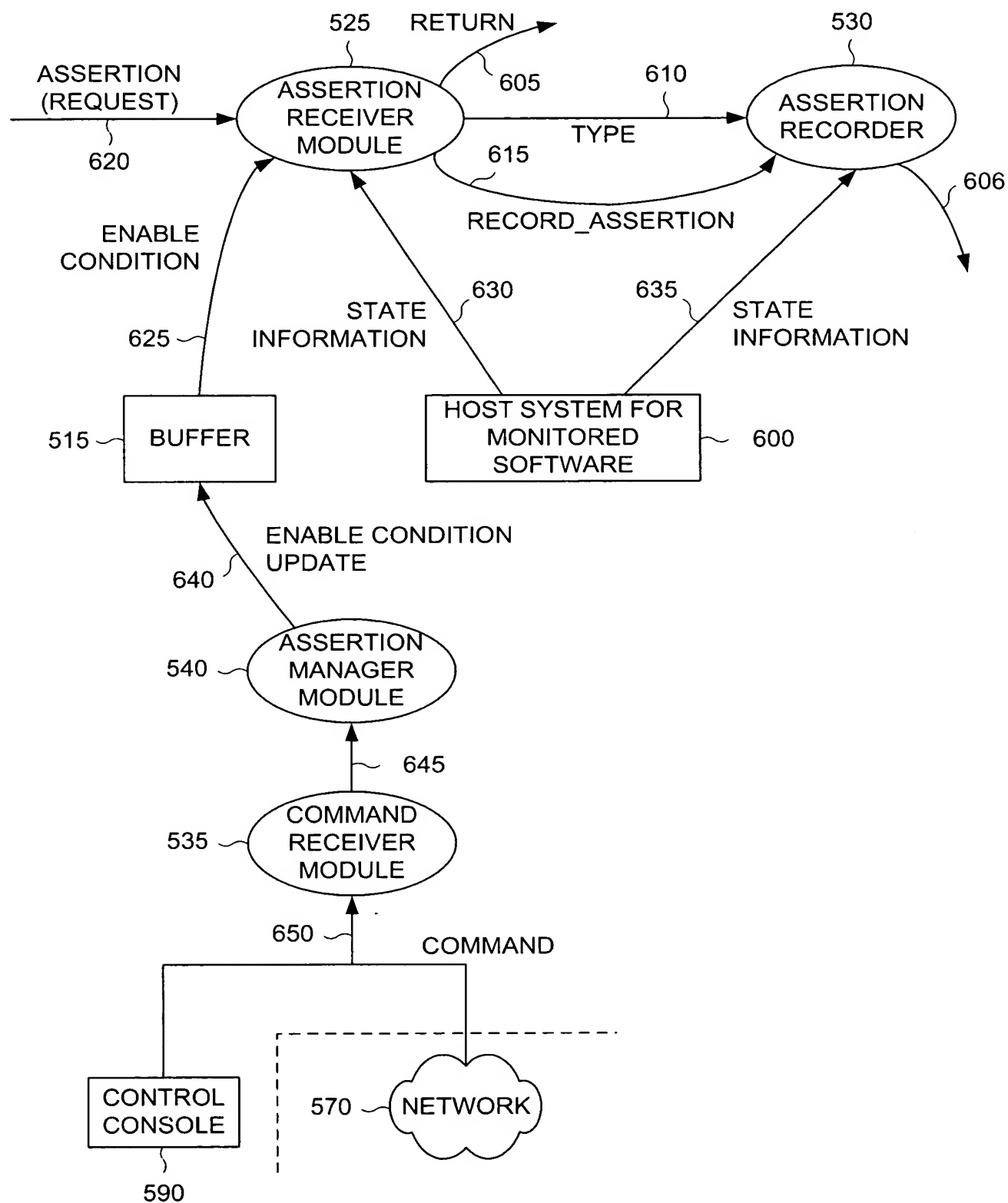
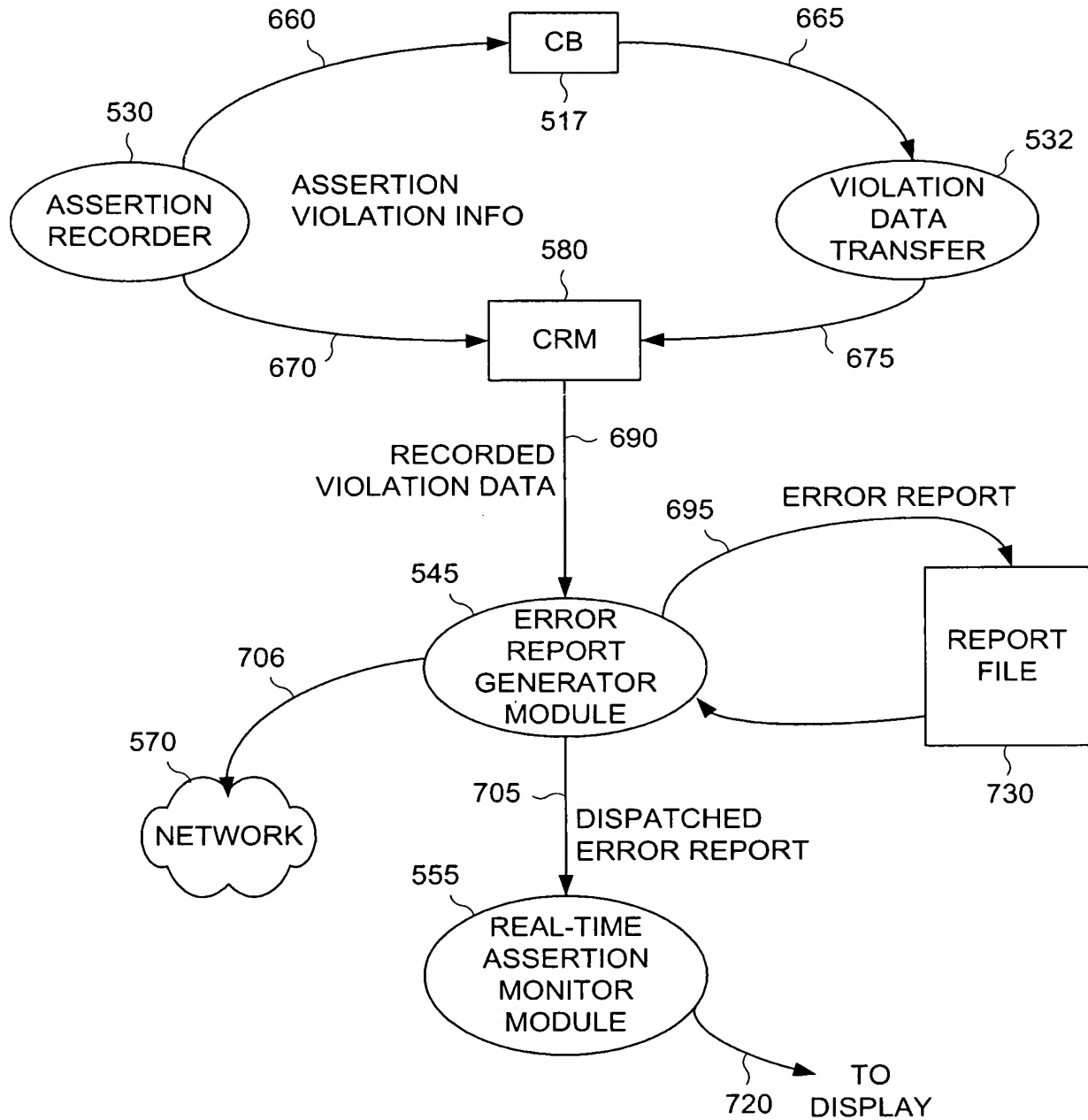


FIG. 12





**FIG. 13**



**FIG. 14**